

AUG 11 2004

K041948



**510(k) Summary**

**Submitter:** American Medical Systems  
10700 Bren Road West  
Minnetonka, Minnesota 55343

**Date Prepared:** July 19, 2004

**Contact:** Kristyn M. Benson  
Sr. Regulatory Affairs Specialist

**Proprietary Name:** SPARC™, MONARC™, BioArc SP™, and BioArc TO™ Sling Systems

**Common Name:** Surgical Mesh

**Device Product Code & Classification:** Class II; OTN

**Predicate Device:** SPARC™ Sling System (K021263)  
MONARC™ Sling System (K023516)  
BioArc SP™ Sling System (K030123)  
BioArc TO™ Sling System (K040538)

**Device Description:**

The SPARC™, MONARC™, BioArc SP™, and BioArc TO™ Sling Systems are sterile, single use procedure kits that consist of two stainless steel, curved needle passers (also known as insertion tools); AMS polypropylene sling mesh and suture; and two plastic sheaths that cover and protect the sling mesh during placement.

**Intended Use:**

The SPARC™, MONARC™, BioArc SP™, and BioArc TO™ Sling Systems are intended for the placement of a pubourethral sling for the treatment of female stress urinary incontinence (SUI) resulting from urethral hypermobility and/or intrinsic sphincter deficiency.

**Statement of Technological Comparison:**

The risk analysis and the verification/validation activities reported in this Special 510(k) application substantiate equivalence to the predicate devices and did not raise any new questions of safety or efficacy.



Food and Drug Administration  
10903 New Hampshire Avenue  
Document Control Room –WO66-G609  
Silver Spring, MD 20993-0002

Ms. Kristyn M. Benson  
Sr. Regulatory Affairs Specialist  
American Medical Systems  
10700 Bren Road West  
MINNETONKA MN 55343

SEP 28 2012

Re: K041948  
Trade/Device Name: SPARC™, MONARC™, BioArc Sp™,  
and BioArc T10™ Sling Systems  
Regulation Number: 21 CFR 878.3300  
Regulation Name: Surgical mesh  
Regulatory Class: II  
Product Code: OTN  
Dated: July 19, 2004  
Received: July 20, 2004

Dear Ms. Benson:

This letter corrects our substantially equivalent letter of August 11, 2004.

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

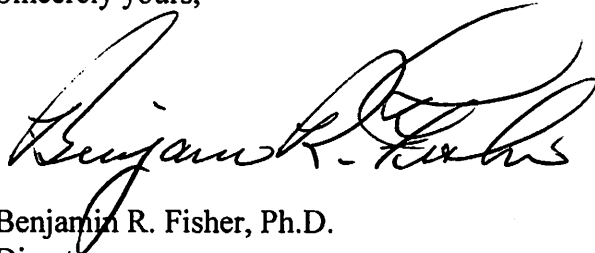
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must

comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please go to <http://www.fda.gov/AboutFDA/CentersOffices/CDRH/CDRHOffices/ucm115809.htm> for the Center for Devices and Radiological Health's (CDRH's) Office of Compliance. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address <http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Benjamin R. Fisher". The signature is fluid and cursive, with the first name "Benjamin" being the most prominent part.

Benjamin R. Fisher, Ph.D.  
Director  
Division of Reproductive, Gastro-Renal,  
and Urological Devices  
Office of Device Evaluation  
Center for Devices and Radiological Health

Enclosure

**INDICATIONS FOR USE STATEMENT**

510(k) Number: (Pending) K041948

Device Name: SPARC™, MONARC™, BioArc SP™, and BioArc TO™  
Sling Systems

**Indications for Use:**

The SPARC™, MONARC™, BioArc SP™, and BioArc TO™ Sling Systems are intended for the placement of a pubourethral sling for the treatment of female stress urinary incontinence (SUI) resulting from urethral hypermobility and/or intrinsic sphincter deficiency.

Prescription Use X  
(Per 21 CFR 801 Subpart D)

AND/OR

Over-the-Counter-Use \_\_\_\_\_  
(21 CFR 807 Subpart C)

**PLEASE DO NOT WRITE BELOW THIS LINE—CONTINUE ON ANOTHER PAGE IF NEEDED**

Concurrence of CDRH, Office of Device Evaluation (ODE)

Miriam C. Provost  
(Division Sign-Off)  
Division of General, Restorative,  
and Neurological Devices

510(k) Number K041948

SPARC™, MONARC™, BioArc SP™, and BioArc TO™ Sling Systems  
Special 510(k) Notification